

Figure 1:

Absorption spectrum of $\text{Cu}_2\text{PO}_4\text{OH}$ in alkyd resin binder (concentration 1 g per l)

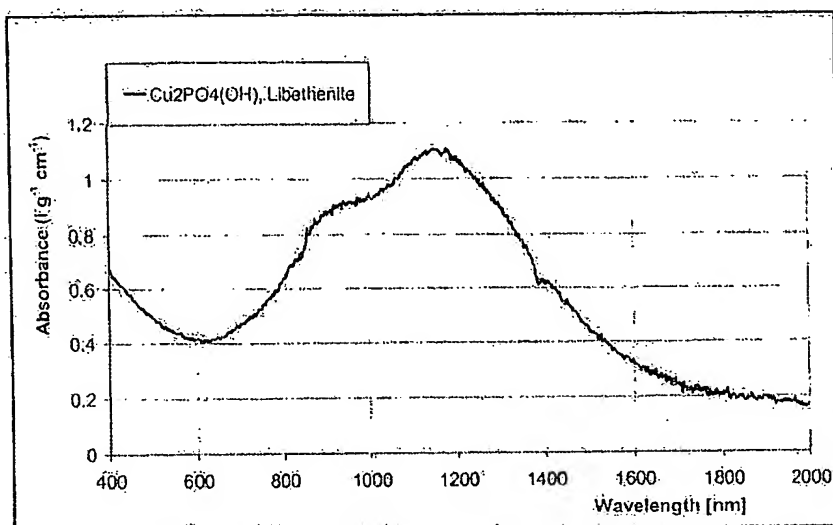


Figure 2:

Energy take-up of polyester (PET) compared with the energy radiated by an IR lamp.

1. Emission of an IR lamp with a radiation temperature of 2450 K
2. PET without IR absorber
3. PET with 15 ppm (0.0015 wt.%) of carbon black IR absorber (prior art)
4. PET with 100 ppm (0.01 wt.%) of $\text{Cu}_2\text{PO}_4(\text{OH})$, Libethenite

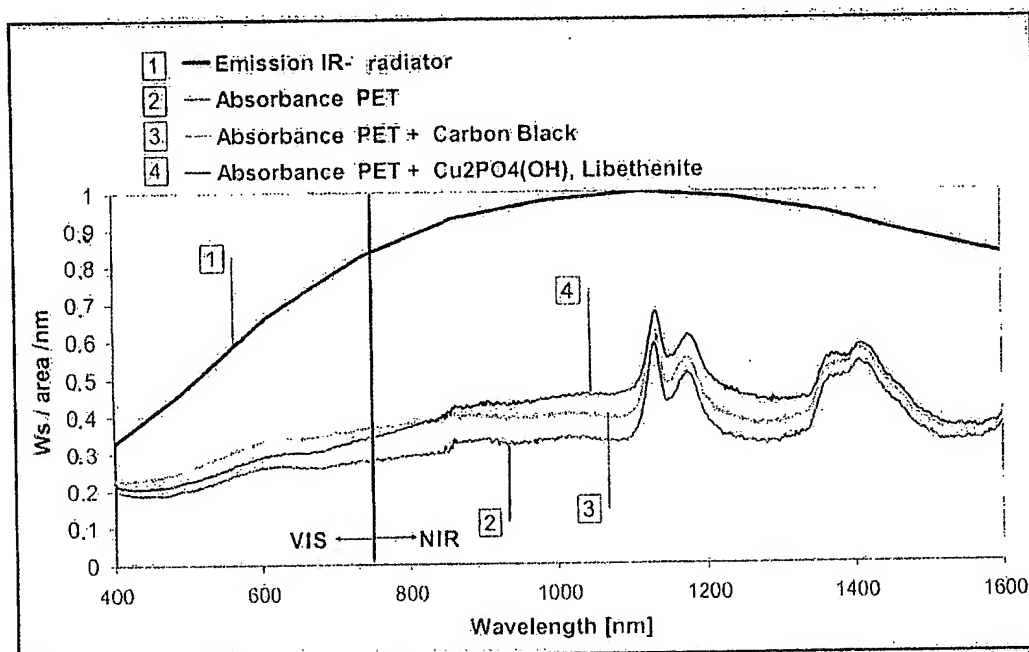
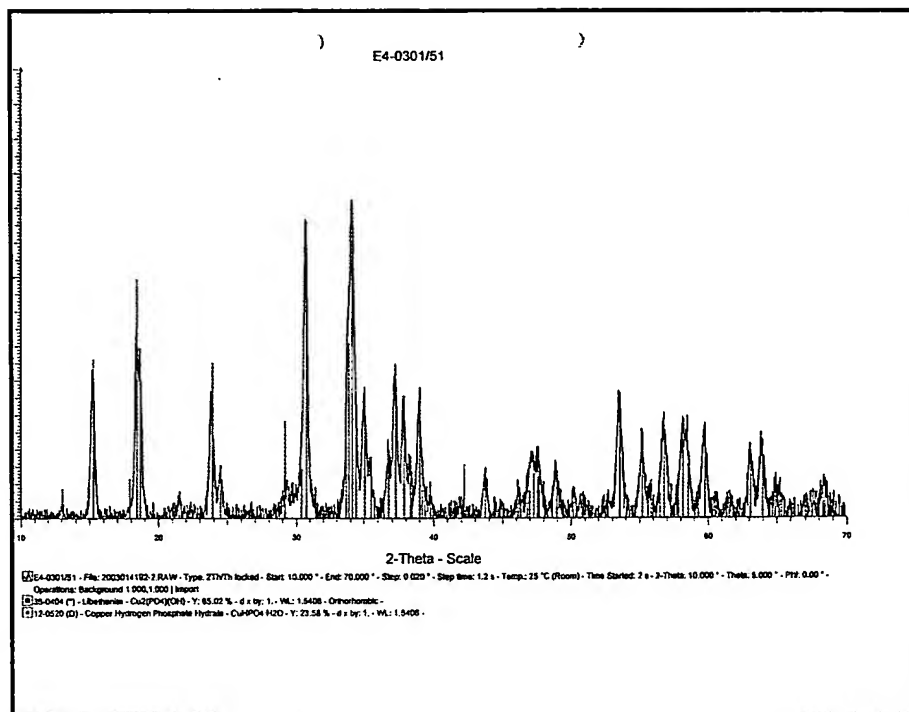
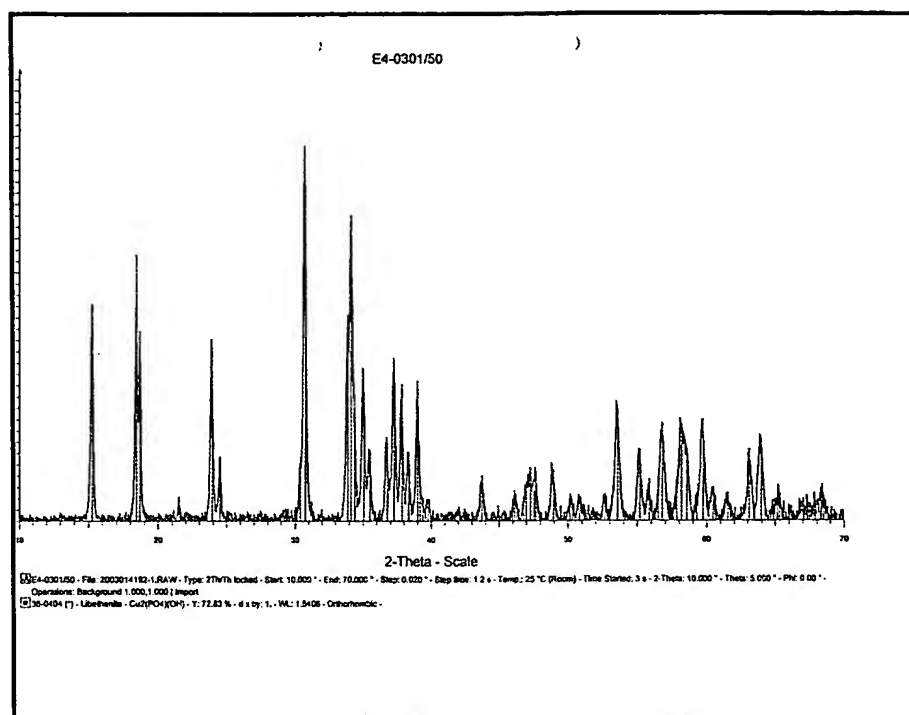


Figure 3: X-ray diffractogram of $\text{Cu}_2\text{PO}_4\text{OH}$, prepared according to Example 1



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Figure 4: X-ray diffractogram of $\text{Cu}_2\text{PO}_4\text{OH}$, prepared according to Example 2:



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